

Large Conference Room with video conference (Single Display)

OVERVIEW

- ❑ Bookable fixed meeting space to seat 14-20 users with Poly all in one Video Conference system. Capacity to be determined by site specific requirements.
- ❑ This room configuration applies to our large conference rooms. The display size should be selected based on the room's setting and size to support optimal viewing.
- ❑ Alternate option if video conferencing is not possible: [Conference Room with AV Standards](#)

SIZE

- ❑ Room size > 300 sq feet (28 sq m)

DISPLAY

- ❑ Single 65" - 98" (165.1cm - 249cm) Samsung ultra-slim HD LED commercial displays.
- ❑ Display recommended sizing and viewing distances are available [here](#).

VIDEO

- ❑ All in one Poly X72 codec mounted below the display.

ROOM CONTROL

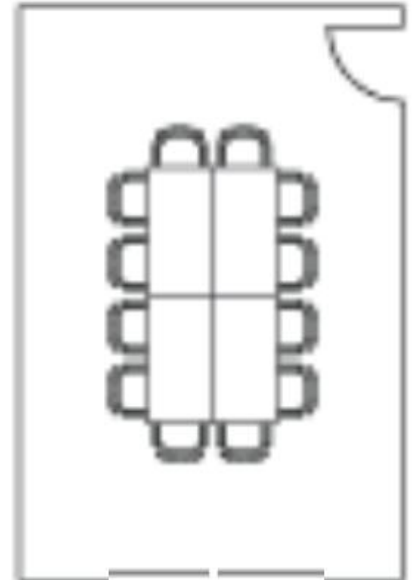
- ❑ Video Conference will be controlled from the Poly TC10 tablet only.
- ❑ **Remote Controls are not allowed in the room.**

CONNECTIVITY

- ❑ 1 fixed desk presentation point on the table.
- ❑ Presentation cable should be long enough to be used from each seat around the table.
- ❑ Please refer to the [HDBT Cabling Matrix](#) for local content connectivity options.

CONSIDERATIONS

- ❑ Fixed location required for the Poly TC10, optional microphone & desk outlets.
- ❑ [Click here](#) to access the AV Port Patching Matrix.



HARDWARE LIST

The “MODEL” column contains the standard device names to be used in all project documentation like the project quotes, inventory, and schematic designs.

QTY	MAKE	MODEL	DESCRIPTION
Display Equipment (always order these base items)			
1	Samsung	Current Standard Display	65”, 75”, 82”, 85”, 98” (165.1cm, 190.5cm, 208.28cm, 215.90cm, 249cm) Samsung Display
2	Chief or similar	LTM Series	Large Fusion™ Micro-Adjustable Tilt Wall Mount provides low-profile, fingertip tilt. We can use different wall mount manufacturers and models with similar specs to the Chief wall mount depending on the display size and weight.
NOTE FOR OPTIONS BELOW	<ul style="list-style-type: none"> • 2 ways to deliver data/power outlets <ul style="list-style-type: none"> ○ Chief Box - if using, store all data/power/equipment inside ○ Wall Plates - if using, the Chief Sliding Component Panel is an optional component to mount the audiovisual equipment. 		
2 (Optional)	Chief	PAC526	Large In-Wall Storage Box - Back box used behind the display to mount data and power outlets and to house audiovisual equipment. Use this if NOT using wall plates for data/power
2 (Optional)	Chief	CSSMP15X10	Sliding Component Storage Panel - Optional component to house audiovisual equipment. Use this ONLY if using wall plates for data/power. Recommended for display sizes 55” and above.
Video Equipment (always order these base items)			
1	Poly	Poly Studio X72 + TC10 (A4LZ8AA)	Video Bar Collaboration System & Intuitive Touch Interface for Poly Studio X Family - comes w/ Wall Mount
1	Poly	Poly Studio/Debut Expansion Microphone (875M6AA)	Optional Expansion Tabletop Microphone
1	Poly	Poly Mic Cable Ext Kit (875M4AA)	Optional microphone cable dongles to extend reach of the 875M8AA table mic
1	Kramer	EXT3-C-XR-T Rev version 0304	4K60 4:2:0 USB-C Transmitter with USB, RS-232 & IR over Extended-Reach HDBaseT 3.0
1	Kramer	EXT3-POE-XR-R	4K60 4:4:4 Receiver with Bidirectional PoE, USB, Ethernet, RS-232 & IR over Extended-Reach HDBaseT 3.0
Cables (always order these base items)			
1	Kramer	C-HM/HM/PRO	High-Speed HDMI Cable Lengths – 0.9-19.8m (3-65ft) Black Note: For In-Wall and MDF areas. Not for use in

			customer-visible spaces
1 (15 ft length required)	Kramer	CA-U32/FF	USB 3.2 GEN-2 Full Featured USB-C (M) to USB-C (M) Active Cable
1	Tripp Lite	U428-006	USB-C to USB-A Cable (M/M), USB 3.2 Gen 1 (5 Gbps), Thunderbolt 3 Compatible, 6' (1.83 m)
1 Per office site	Kramer	TL-RING	Adapter Ring Tool set for connecting the ring to the HDMI cable and replacing adapters (For IT use only).
For all Visible / Accessible AV VLAN Data port	Panduit	PSL-DCPLRE-BL-C	Recessed RJ45 plug lock-in device All the visible and accessible AV VLAN data ports should be locked using the Panduit PSL-DCPLRE-BL-C device on both ends of the patch cable. Please make sure to keep 2-3 lock tools at each site for support.
For all Visible / Accessible Unused Data port in the meeting space	Panduit	PSL-DCJB-IW	Connector Jack Module Blockout Device For RJ45 Jacks All the visible and accessible unused data ports in the meeting space should be blocked by this adapter. Please make sure to keep 2-3 removal tools at each site for support. NOTE: Ensure WP-20 network port is covered.

***NOTE: The lengths and number of HDMI and AV cables is to be determined by the integrator per-project.**

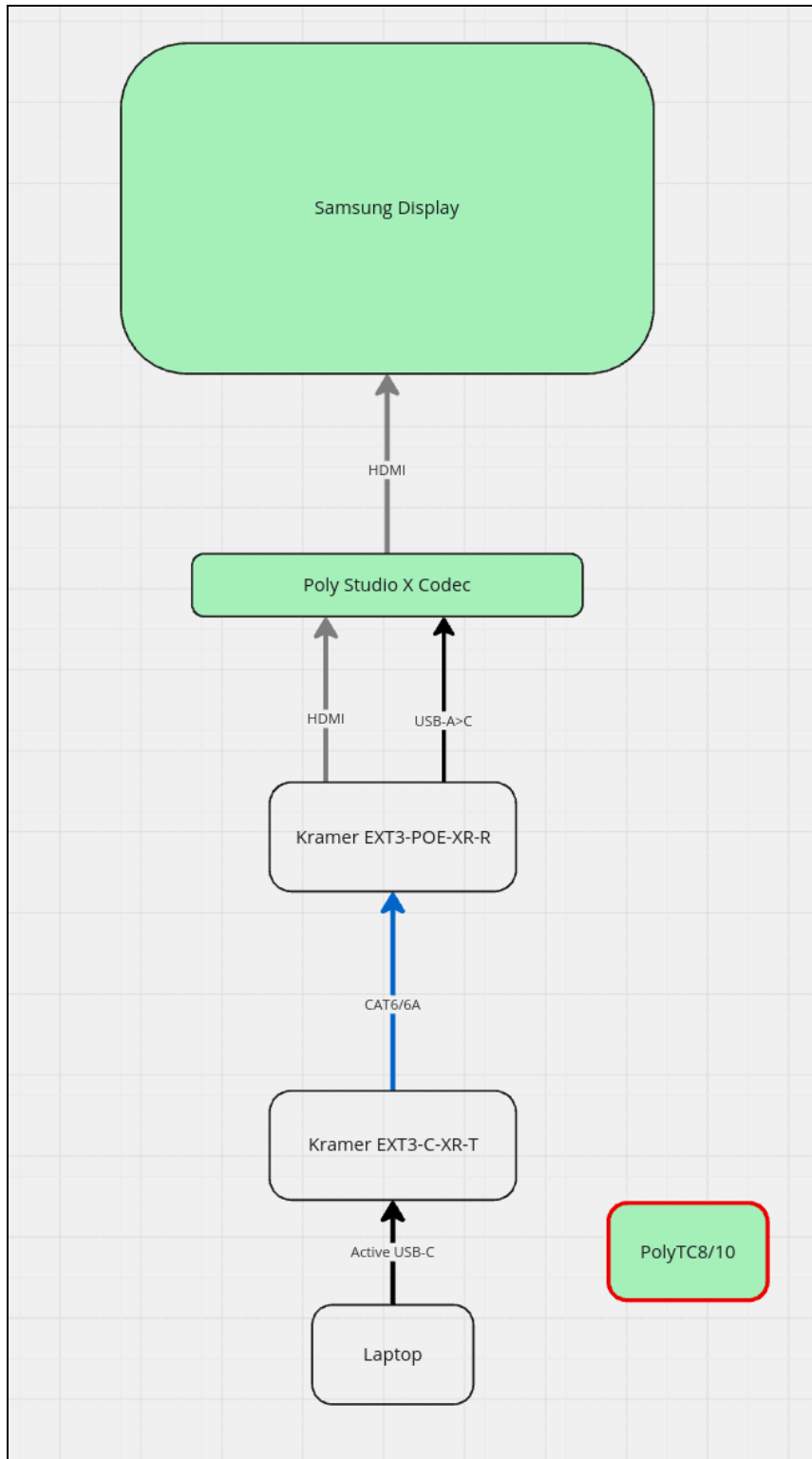
Optional Equipment			
1	Logi	Logi TAP Scheduler	10.1" (25.7 cm) Logitech Scheduler Panel and Touch Screen (Panel kit comes with all of the necessary mounting hardware for a complete installation)
****Please ensure that there are enough licenses to support the installation of the scheduler panel****			

DATA & POWER

QTY	LOCATION	DESCRIPTION
MDF/IDF DATA		
4	Behind Display 1 (to MDF/IDF)	Display LAN, Poly Studio X Series soundbar + 2 spares
2	Below Table (to MDF/IDF)	Poly TC10 + 1 spare
DIRECT RUN DATA		
3	INSTALLED BETWEEN THE FLOOR	HDBT 3.0 signal connecting the Kramer EXT3-C-XR-T (under table) to the Kramer

	CORE/BOX AND BEHIND THE DISPLAY	EXT3-POE-XR-R (behind the display), Optional Auxiliary Mic connection + 1 spare
DATA (optional)		
1	Room Entrance	Room Scheduler Panel
POWER (always order these base items)		
4	Behind Display 1	Display, Poly Studio X50, Kramer EXT3-POE-XR-R + 1 spare
2	Below Desk	Kramer EXT3-C-XR-T + 1 spare

SCHEMATIC DESIGN



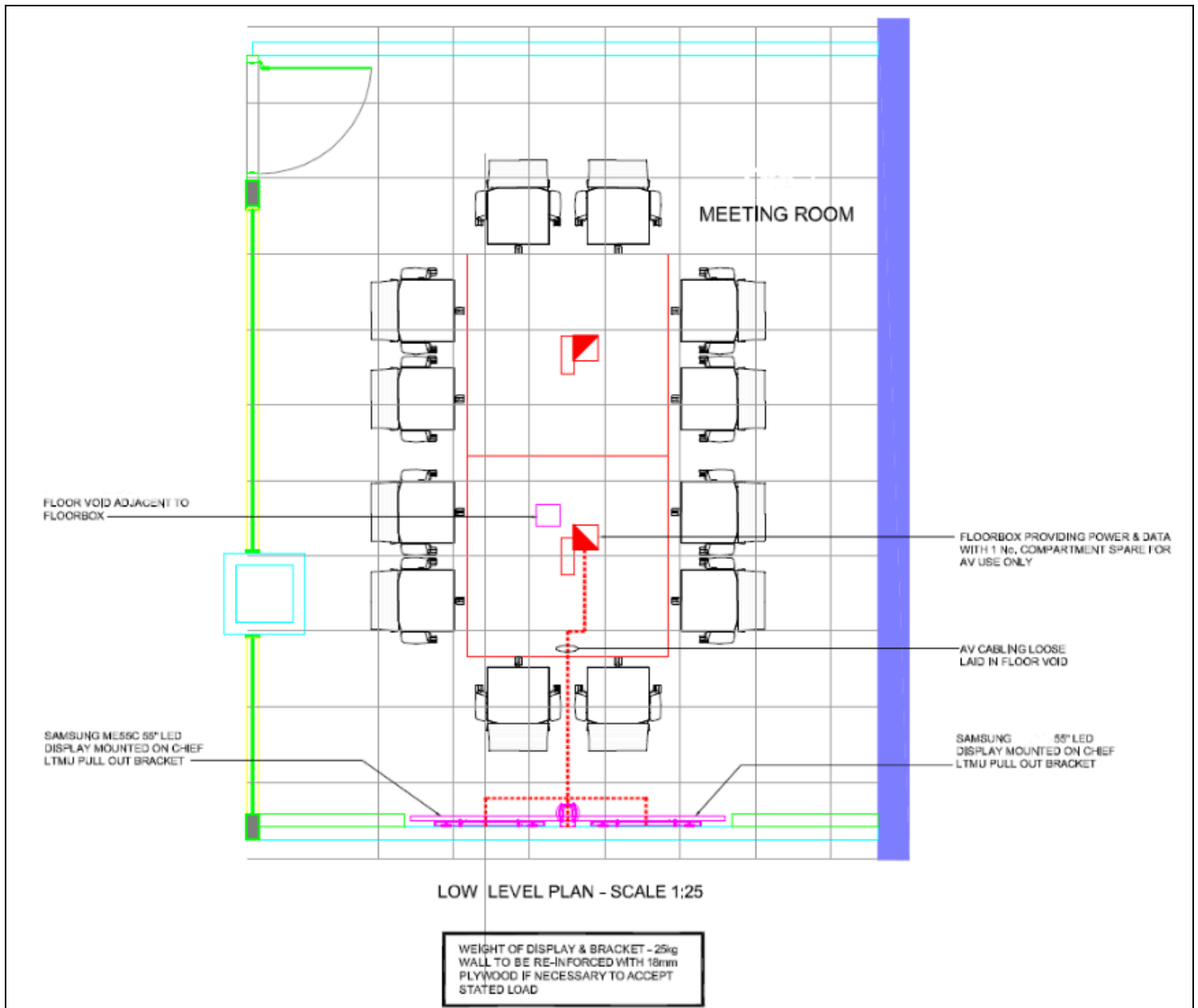
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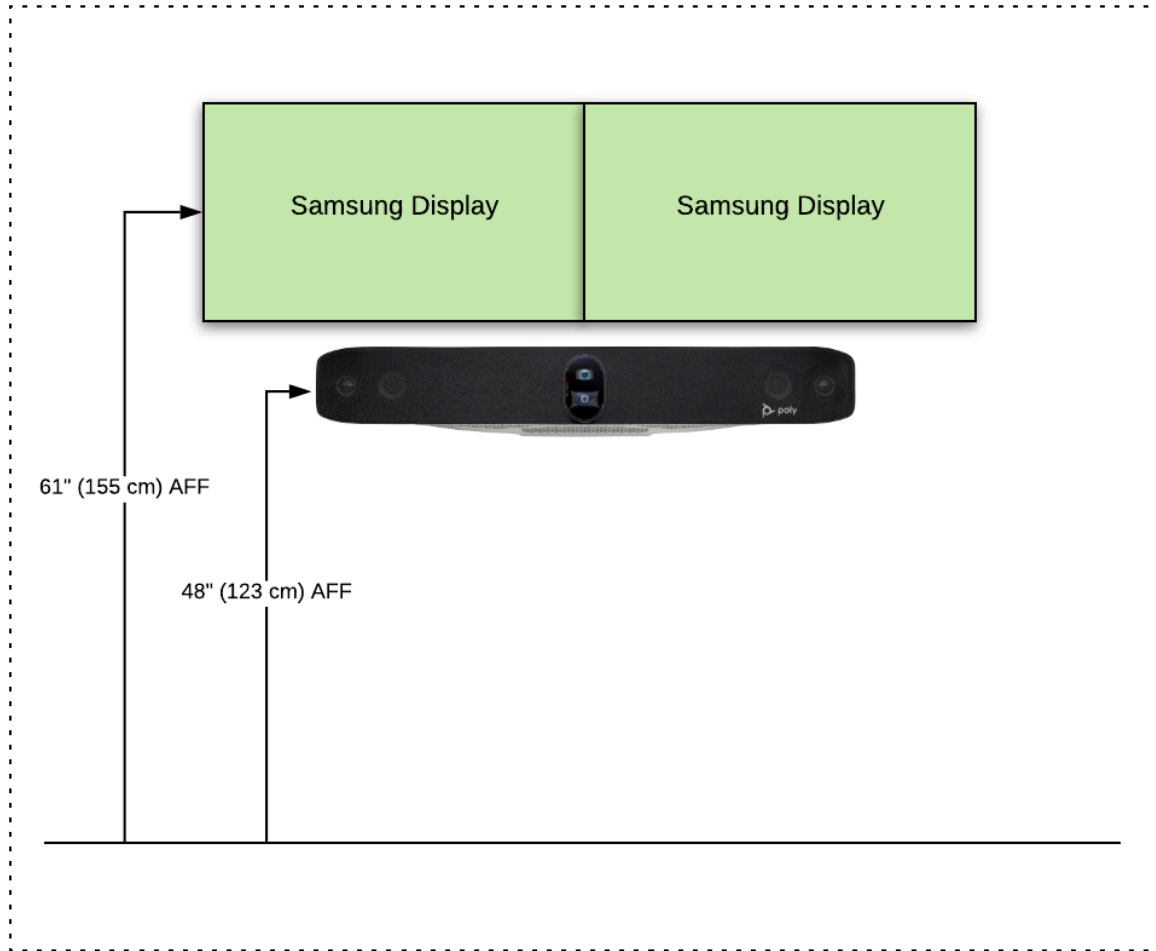
The TC10 and optional table microphone cables in the meeting room should be locked into the RJ-45 Jack (outlet) using RJ-45 Locker (Jack Module Blockout Device - jack module blockout).

LOW LEVEL PLAN

*This is only an example and should be fit to the new space sizes.



SCREEN WALL ELEVATION - EXAMPLE



- Elevations for all AV components to be determined per-room and validated with Red Hat IT
 - APPROXIMATE AV ELEVATION HEIGHT
 - Center of Chief box 61" (155cm)
- NOTE: If wall plates are used, mount center of wall plates 6" (15cm) below the published center of the Chief Box to ensure access for support is maintained.
- NOTE: If using the Chief Sliding Panel, center the panel at the published center of the Chief Box. Mount the panel opposite any glass wall, as appropriate, to obscure the view of the panel.
- NOTE: If using Chief Sliding Panel ensure data and power cables are routed properly and allow for the panel to slide completely out for support.

RED HAT IT - INTERNAL REFERENCES:

[Samsung Display Configuration Guide](#)

[Poly Studio X Configuration Guide \(GMNA/Partner Mode\)](#)

[Kramer TX/RX Device Configuration Guide](#)

[AV Port Patching Matrix](#)

[Room Scheduler Panel Standard](#)

* Please change default passwords for all AV equipment (except Poly and Yamaha) connected to the AV network (VLAN120) to the correct password found in the Workplace Technology Tier 2 password collection in Bitwarden.